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FOR THE BENEFIT OF THE LESS DEVELOPED AREAS

SUMMARY

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Hungary

BUILDING OF INDUSTRIAL PLANTS WITH SPECIAL ATTENTION TO PREFABRICATED ELEMENTS

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BUILDING OF INDUSTRIAL PLANTS
WITH SPECIAL ATTENTION TO PREFABRICATED ELEMENTS

by

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Summary

a./ Countries in the course of speedy industrial development do not possess in general within their boundaries an established and sufficiently productive heavy industrial basis. They endeavour to meet the maximum of their requirements by home produced material: this concerns particularly the building industry, which is a means and not the goal of industrialisation. The strictest economy has to be observed: there are no means for large investments in this branch, such as prefabricating plants or specialised machinery. The amortisation of investments in the building industry is of the longest range.

b./ The basic building materials of industrial investments are rolled steel and lumber for industrial halls and shops of reinforced concrete structure, both hard to procure. We find therefore prefabrication of reinforced concrete elements on the building site as a suitable method for industrial buildings, requiring but small investments. In Hungary, 80% of industrial buildings are currently erected by this procedure.

c./ Advantages of prefabrication on the site: 80-90% economy in scaffolding and shuttering, the concrete is of better quality and the resulting structures are of more economical dimensions. Less workers are needed - especially skilled ones - as with traditional building methods. The time-schedules of erection and of the jobs decrease.

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